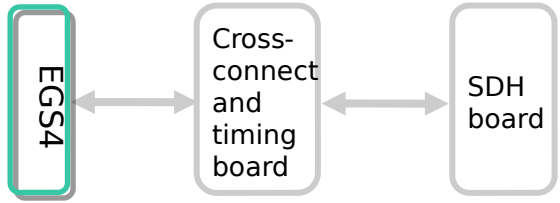
TMB1EGS4

Initial Version: V100R019C10

The EGS4 is used to transmit/receive Ethernet services, manage bandwidths, and realize Layer 2 switching of Ethernet services.

Application



4 x GE/FE

Slot

Single-slot board	
Subrack	**Valid Slot**
E6608	Slot 1 - Slot 6
E6616	Slot 1 - Slot 14

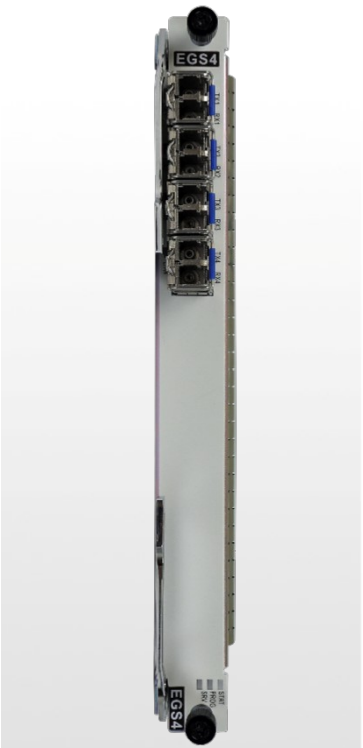
Function

Function	Description
Bound bandwidth	16xVC-4 / 48 x VC-3 / 252 x VC-12
Concatenation granularities	VC-12/VC-3/VC-4/VC-12-Xv(X≤63), VC-3-Xv(X≤24), and VC-4-Xv(X≤8)
Traffic control at ports	Auto-negotiation mode (supported only by GE ports) Supports the Non-autonegotiation mode
Service	EPL / EVPL / EPLAN / EVPLAN
Protection	DLAG/ LAG/ LCAS/ LPT/ STP/ RSTP/ MSTP
Synchronous Ethernet	Supported (SFP electrical modules do not support it.)
IEEE 1588v2	Not supported
ETH-OAM	Supported
RMON	Supported
QoS	Supported
IGMP snooping	Supported
Traffic control	Complies with IEEE 802.3x.
Traffic monitoring	Support port-based and VCTRUNK-based traffic monitoring.
Response to ping	Not supported

TMB1EGS4

Initial Version: V100R019C10

The EGS4 is used to transmit/receive Ethernet services, manage bandwidths, and realize Layer 2 switching of Ethernet services.



Module

eSFP-155M-1310nm-SMF-15km-I
eSFP-155M-1310nm-SMF-40km
eSFP-155M-1310nm-SMF-40km-I
eSFP-155M-1550nm-SMF-80km-I
eSFP-155M-TX1310/RX1550nm(BIDI)-SMF-15km
eSFP-155M-TX1550/RX1310nm(BIDI)-SMF-15km
eSFP-2.125G-850nm-MMF-0.5km-I
eSFP-1.25G-1310nm-SMF-10km
eSFP-1.25G-1310nm-SMF-10km-I
eSFP-1.25G-1310nm-SMF-40km
eSFP-1.25G-1310nm-SMF-40km-I
eSFP-1.25G-1550nm-SMF-80km-01
eSFP-1.25G-TX1310/RX1490nm(BIDI)-SMF-10km
eSFP-1.25G-TX1490/RX1310nm(BIDI)-SMF-10km
eSFP-1.25G-TX1310/RX1490nm(BIDI)-SMF-40km
eSFP-1.25G-TX1490/RX1310nm(BIDI)-SMF-40km
eSFP-2.5G-1310nm-SMF-15km
eSFP-2.5G-1310nm-SMF-40km
eSFP-2.5G-(1471nm to 1611nm)(CWDM)-SMF-80km
SFP-1000Base-T-autonegotiation-100 m-RJ45

Mechanical Specifications

Weight	Typical power consumption	Maximum power consumption
0.6 kg (1.32 lb)	39.1 W	43.7 W